

Notice of Allowability

Application No.

09/713,095

Examiner

Beemnet W. Dada

Applicant(s)

HANCHETT, PAUL F.

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed on 08/04/2005.
2. ☒ The allowed claim(s) is/are 1, 7-9, 15-17 and 23-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kevin J. Zilka Registration No. 41,429 on September 1, 2005.

The application has been amended as follows:

In the claims:

9. (Currently Amended) A tangible computer-readable storage medium storing instructions that when executed by a computer causes the computer to perform a method for establishing a list of security scanner attributes for a computing node within a hierarchy of computing nodes, the list of security scanner attributes being associated with a security scanner action to be performed by a security scanner program, the method comprising:

establishing a hierarchy of lists of attributes, an attribute being comprised of an attribute identifier and an attribute value, the attribute value being comprised of a list of attributes used by the security scanner program to control an operation of the security scanner program, the list of attributes being comprised of a grouping attribute and a series of one or more attributes;

examining the grouping attribute associated with the list of attributes;

updating an element of the list of attributes if the grouping attribute indicates that the element may be updated without also updating other elements in the list of attributes;

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updating the element and all other elements of the list of attributes if the grouping attribute indicates that updating the element requires all other elements to be updated; and

updating the element, all other elements, and all subordinate elements of the list of attributes if the grouping attribute indicates that updating the element requires all subordinate elements of the list of attributes to be updated;

wherein the grouping attribute is associated with the entire list of attributes for controlling the updating through selection of at least one of at least three scenarios by indicating at least one of:

the element may be updated without also updating other elements in the list of attributes,

updating the element requires all other elements in the list of attributes to be updated, and

updating the element requires all other elements in the list of attributes and all subordinate elements in the list of attributes to be updated;

wherein updating the element involves overwriting the value with another value that may be identical to an original value;

wherein updating the element and all other elements of the list of attributes involves overwriting each value with another value that may be identical to an original value;

wherein updating the element, all other elements in the list of attributes, and all subordinate elements of the list of attributes involves overwriting each value with another value that may be identical to an original value for each element and each subordinate element of the list of attributes;

wherein the attribute value includes a second list of attributes used by the security scanner program to control the operation of the security scanner program;

wherein the second list of attributes includes a second grouping attribute associated with each of the attributes of the second list;

wherein the element of the list of attributes contains an identifier that uniquely identifies the element and a value, wherein the value may itself be a list of elements;

wherein the list of security scanner attributes determines the files to be scanned by the security scanner program;

wherein the list of security scanner attributes further determines a corrective action to take in response to the identification of an infected file.

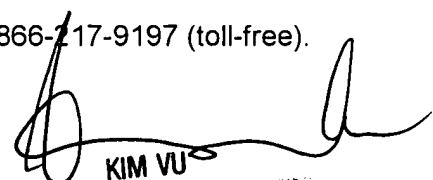
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W. Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Beemnet Dada


KIM VU
FEDERAL BUREAU OF PATENT EXAMINATION
TECHNOLOGY CENTER 2135